

1 WHAT IS CLAIMED IS

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1. An application managing method for a case where a plurality of applications are stored, comprising the steps of:

10 forming a directory structure corresponding to said plurality of applications;

15 giving items of identification information to predetermined directories of said directory structure, respectively, said items of identification information being used for identifying said plurality of applications, respectively, said plurality of applications corresponding to said predetermined directories, respectively; and

20 performing management so that an application of said plurality of applications corresponding to a directory of said predetermined directories is selected in accordance with an item of said items of identification information given to said directory of said predetermined directories, when said directory of said predetermined directories is selected.

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30 2. The application managing method, according to claim 1, wherein:

 said items of identification information comprise addresses of said plurality of applications, respectively; and

35 an address of said addresses is recognized, and thereby, an application of said plurality of applications corresponding to said address of said addresses is accessed.

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a2 3. The application managing method,
according to claim 1, comprising the steps of:
preparing an application management table
storing said items of identification information and
5 starting addresses of said plurality of applications
which correspond to said items of identification
information, respectively, and
referring to said application management
table when a directory of said predetermined
10 directories is selected, so as to recognize a starting
address of an application of said plurality of
applications, said starting address corresponding to an
item of said identification information given to said
directory of said predetermined directories, and to
15 access said application of said plurality of
applications.

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4. The application managing method,
according to claim 1, comprising the steps of:
storing size information at a starting
address of each application of said plurality of
25 applications, said size information indicating a size
of said application of said plurality of applications;
repeating detection of the size of an
application of said plurality of applications from the
size information stored in the starting address of said
30 application of said plurality of applications, and
search for a starting address of a next application of
said plurality of applications in accordance with said
size of the preceding application of said plurality of
applications, so as to obtain the starting address of a
35 desired application of said plurality of applications.

1 5. The application managing method,
according to claim 1, wherein an item of said items of
identification information is given to the highest
directory of said directory structure.

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10 6. The application managing method,
according to claim 1, wherein an item of said items of
identification information is given to each directory
of said directory structure.

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20 7. The application managing method,
according to claim 1, wherein, when an application of
said plurality of applications is substantially
deleted, an item of said items of identification
information for said application of said plurality of
applications is caused to be ineffective.

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30 8. The application managing method,
according to claim 1, wherein:
when an application of said plurality of
applications is updated, an application obtained from
updating said application of said plurality of
applications is added to said plurality of
applications; and
an item of said items of identification
35 information for identifying said application of said
plurality of applications is changed to an item of
identification information for identifying said

1 application obtained from updating said application of
said plurality of applications.

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9. An application managing method,
comprising the steps of:

10 storing applications and data used by said
applications in a series of storage areas; and
managing the applications and data used by
said applications stored in said series of storage
areas,

15 wherein said series of storage areas is
divided into a program area storing said applications
and a data area storing said data used by said
applications.

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10. The application managing method,
according to claim 9, wherein a boundary between said
program area and said data area is changeable.

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11. The application managing method,
30 according to claim 10, wherein, when said applications
are stored in said program area, said applications are
stored from an end of said program area opposite to
said boundary.

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1 Sub A3 12. An information processing apparatus,
storing a plurality of applications, comprising a
directory structure corresponding to said plurality of
applications,

5 wherein items of identification information
are given to predetermined directories of said
directory structure, respectively, said items of
identification information being used for identifying
said plurality of applications, respectively, said
10 plurality of applications corresponding to said
predetermined directories of said directory structure.

15 13. The information processing apparatus,
according to claim 12, wherein said items of
identification information comprise addresses of said
plurality of applications, respectively.

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25 Sub A4 14. The information processing apparatus
according to claim 12, comprising an application
management table which stores said items of
identification information and starting addresses of
said plurality of applications which correspond to said
items of identification information, respectively.

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35 15. The information processing apparatus,
according to claim 12, wherein an item of said items of
identification information is given to the highest
directory of said directory structure.

1 16. The information processing apparatus,
according to claim 12, wherein an item of said items of
identification information is given to each directory
of said directory structure.

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10 17. An information processing apparatus,
storing applications and data used by said applications
in a series of storage areas,

 wherein said series of storage areas is
divided into two predetermined areas, one of said two
predetermined areas storing the applications and the
15 other of said two predetermined areas storing the data
used by said applications.

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